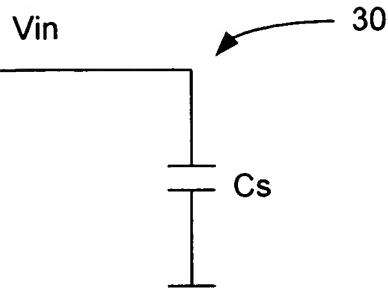
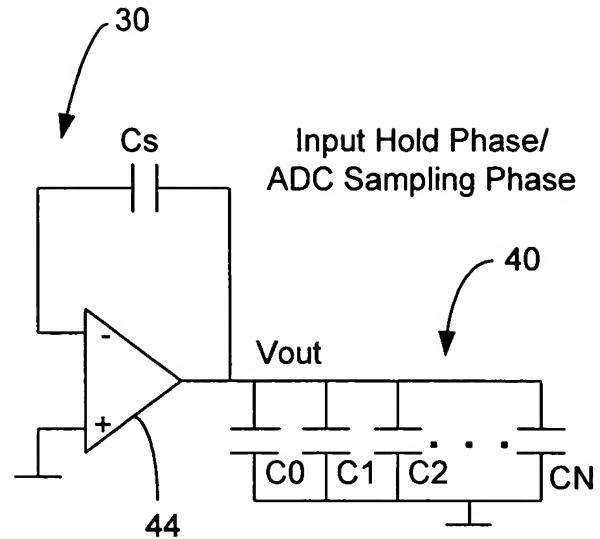
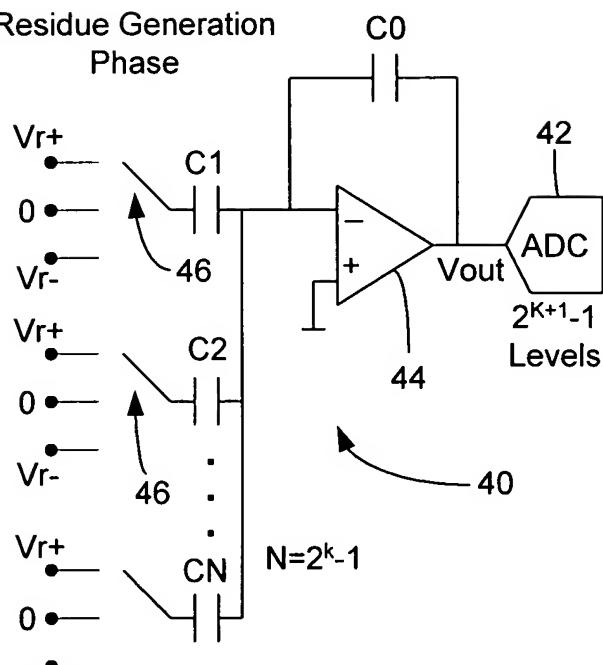
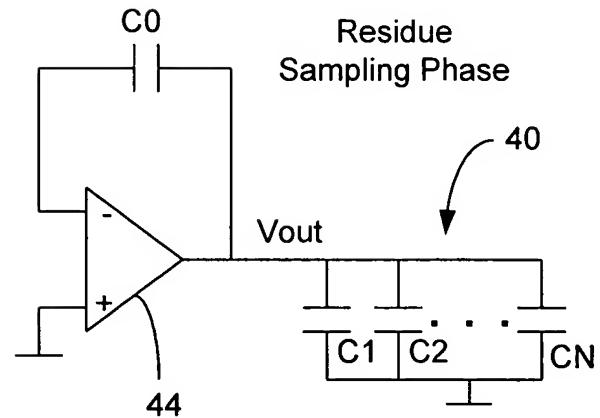
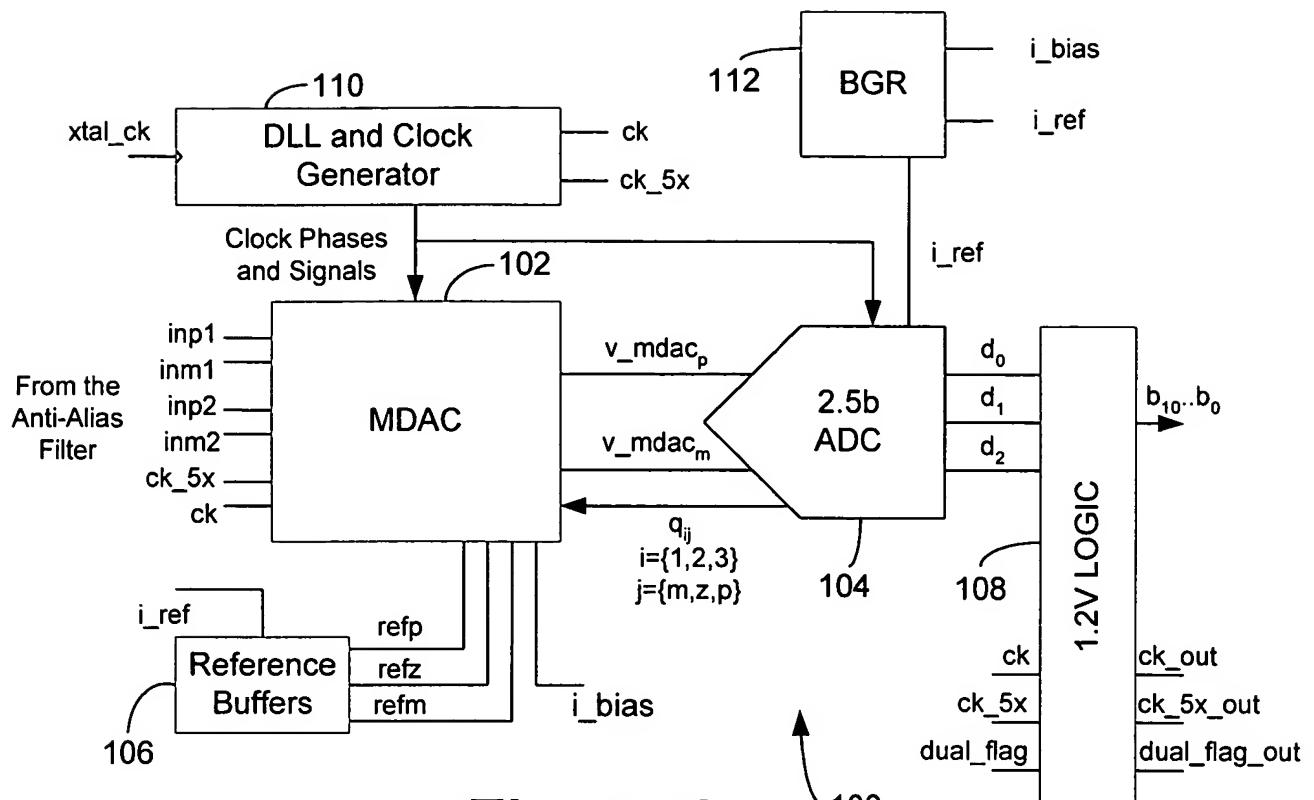
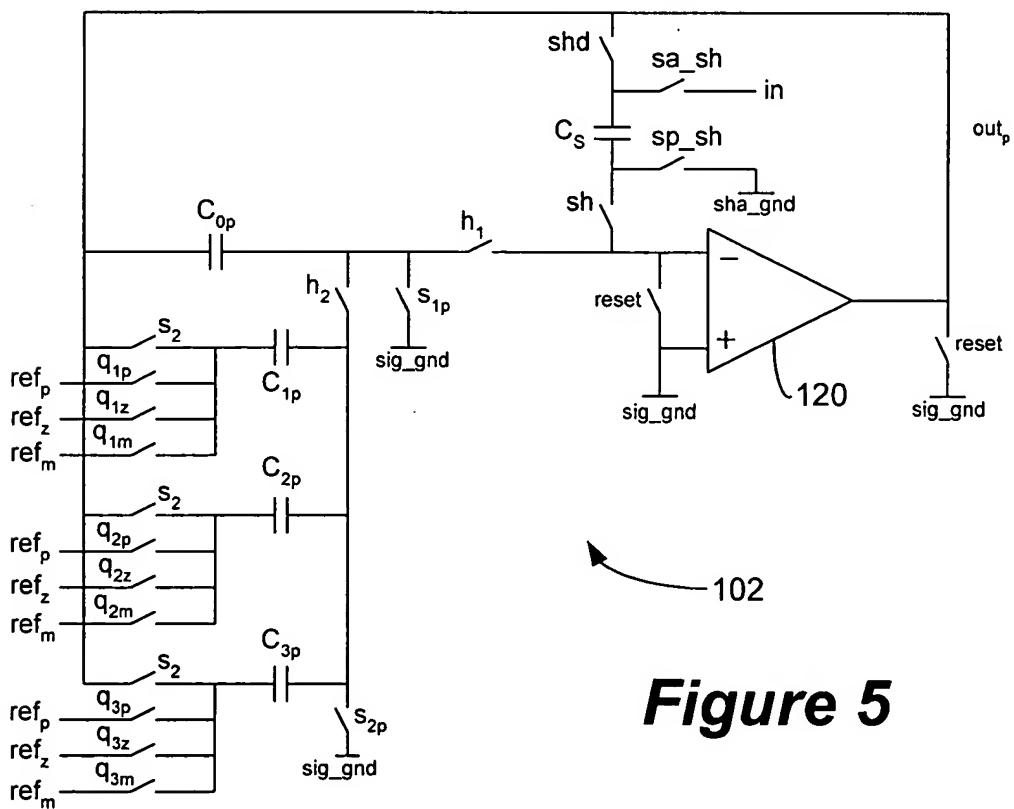
**Figure 1**

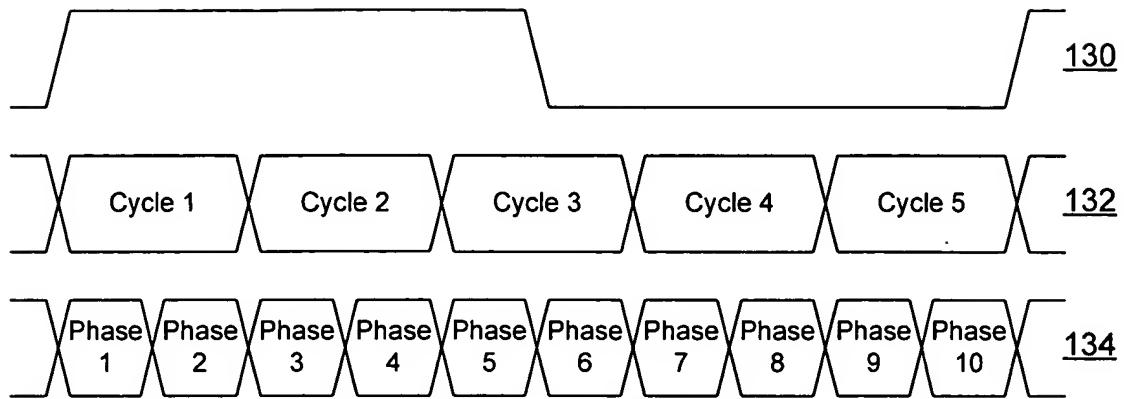
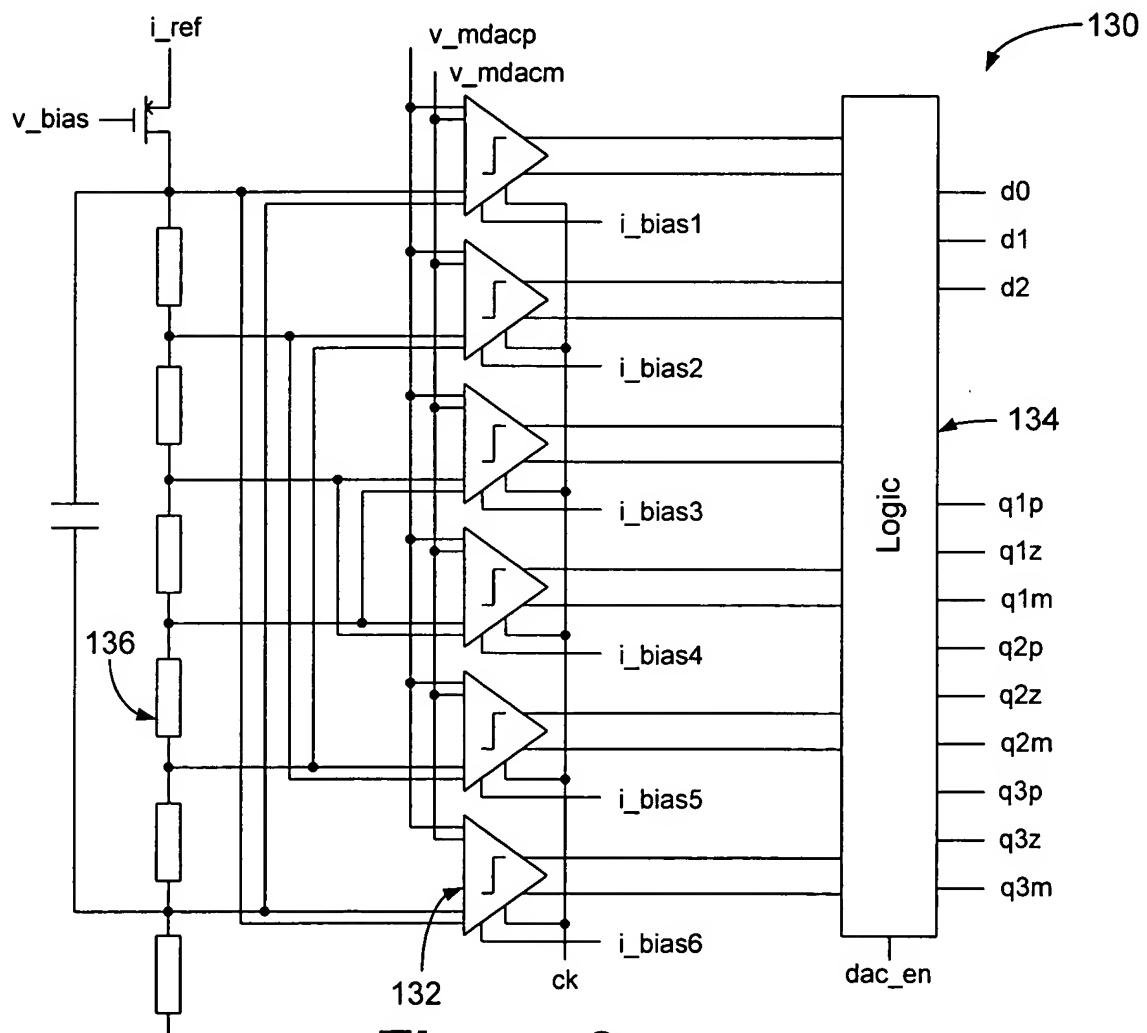
Input Sampling Phase

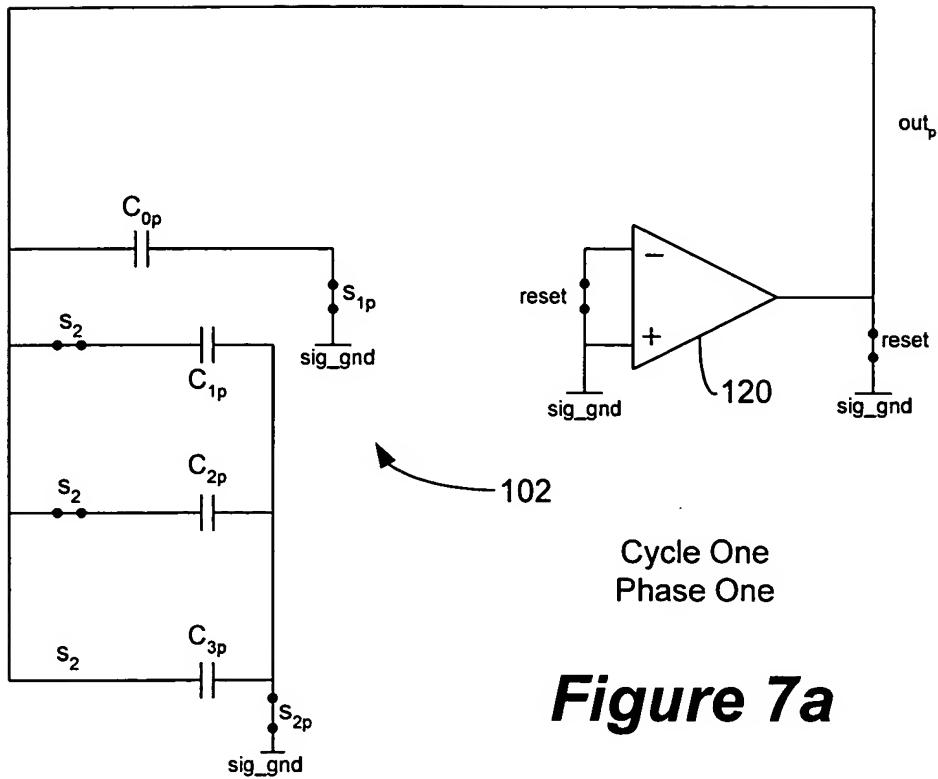
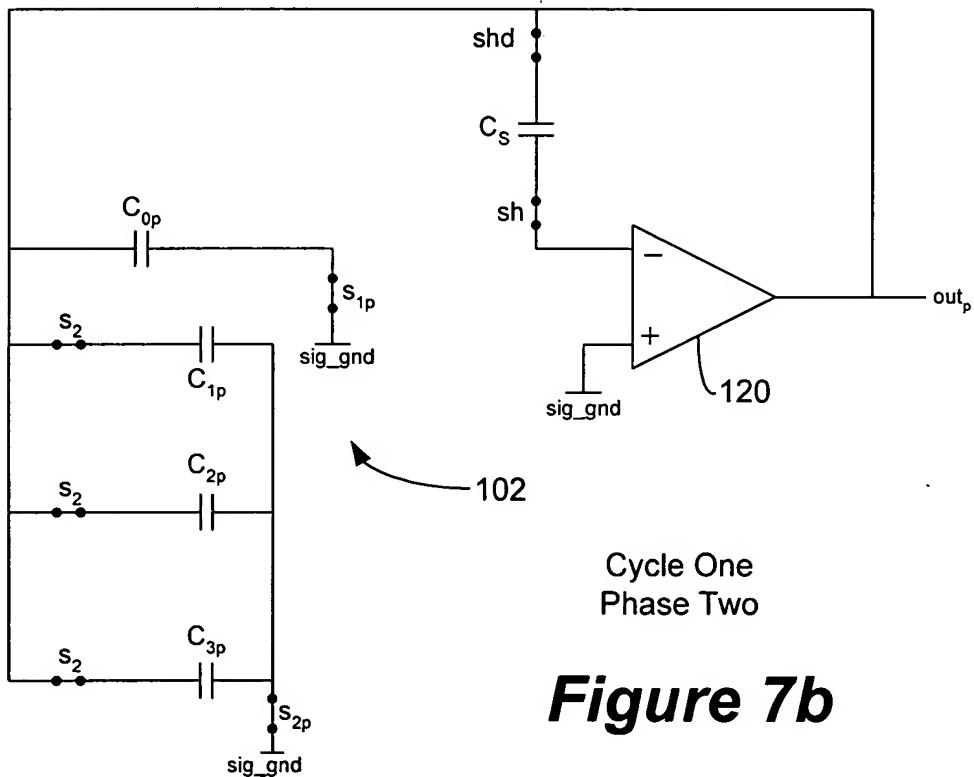
**Figure 2a****Figure 2b**

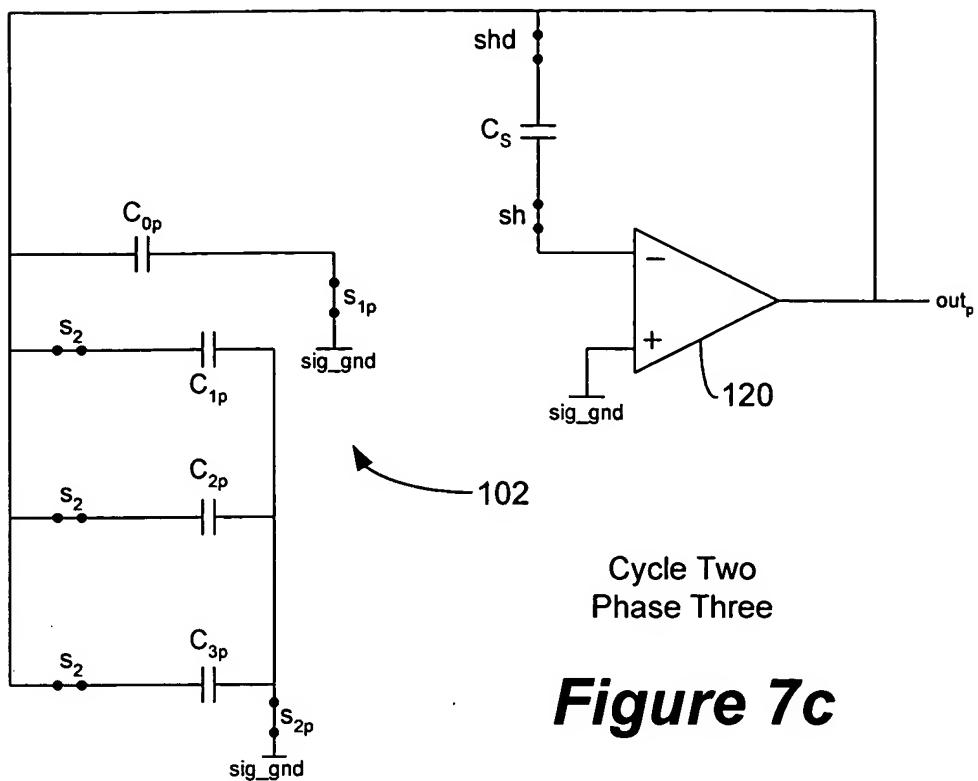
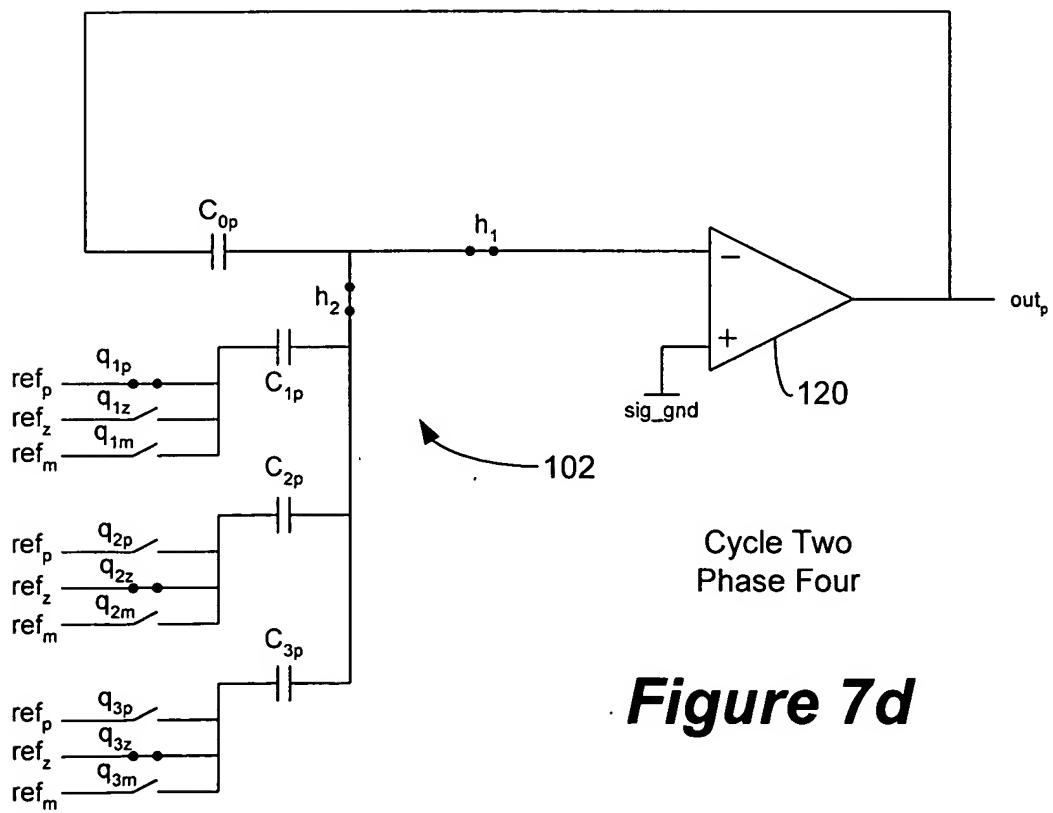
Residue Generation Phase

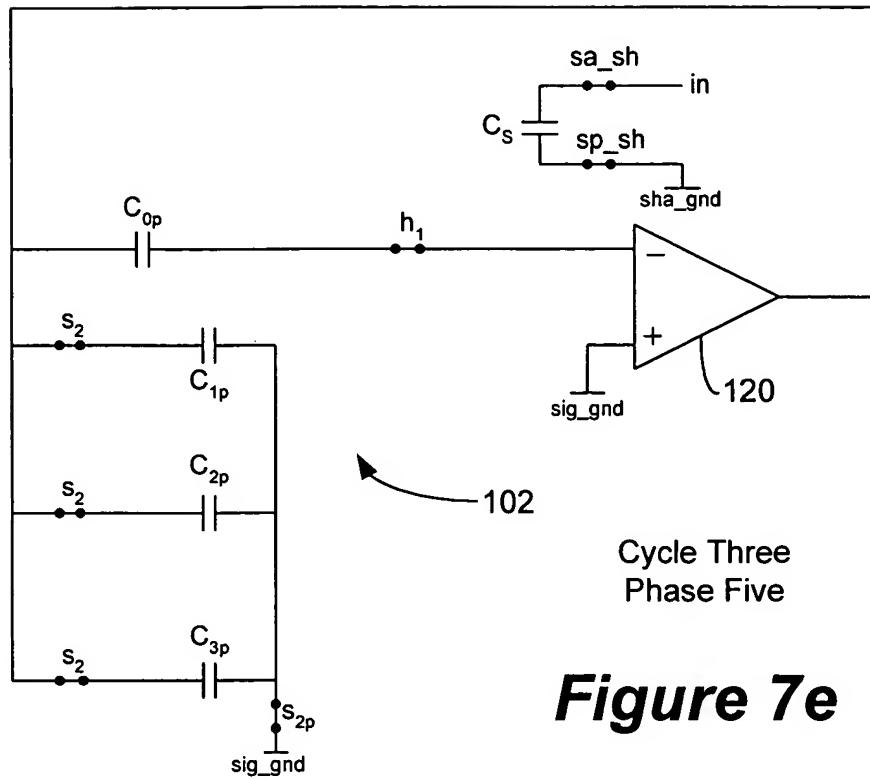
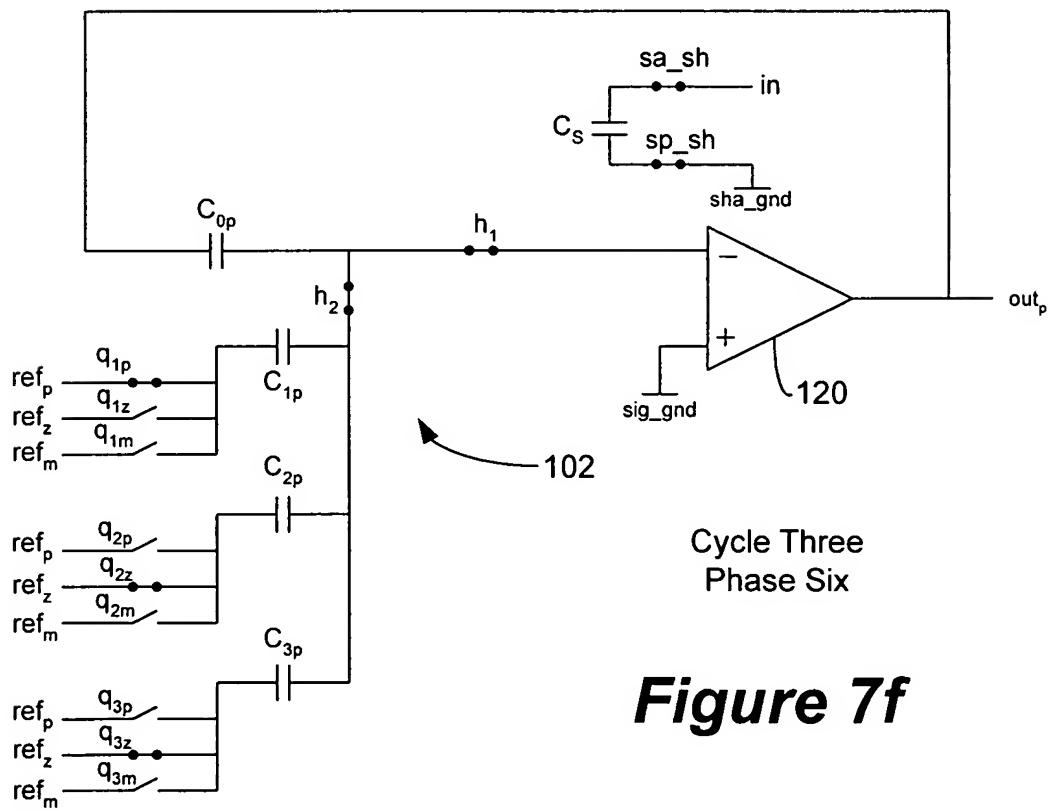
**Figure 3a****Figure 3b**

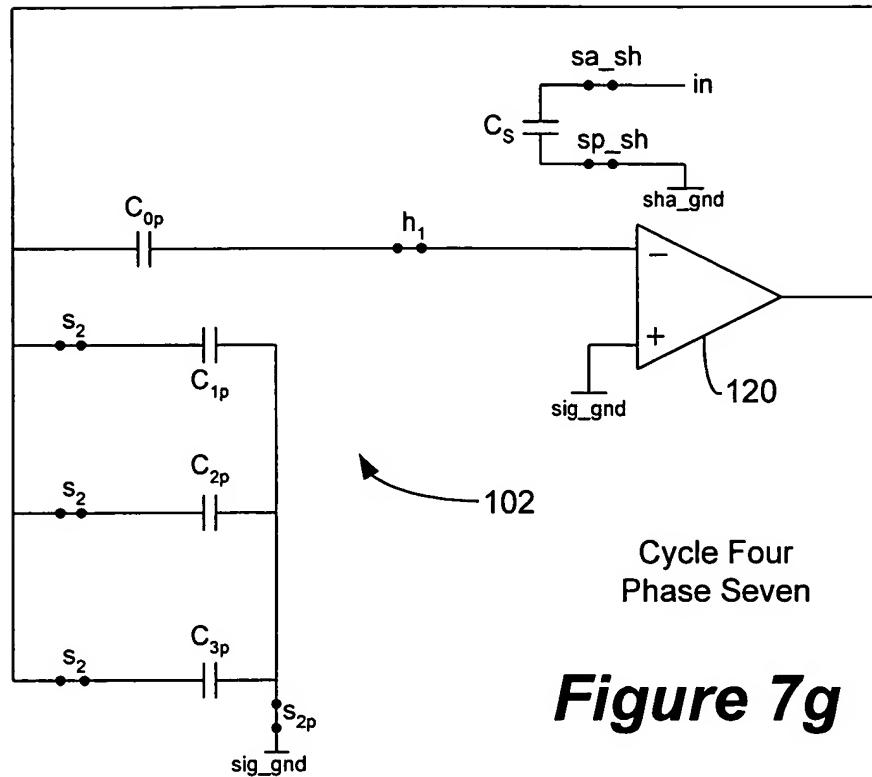
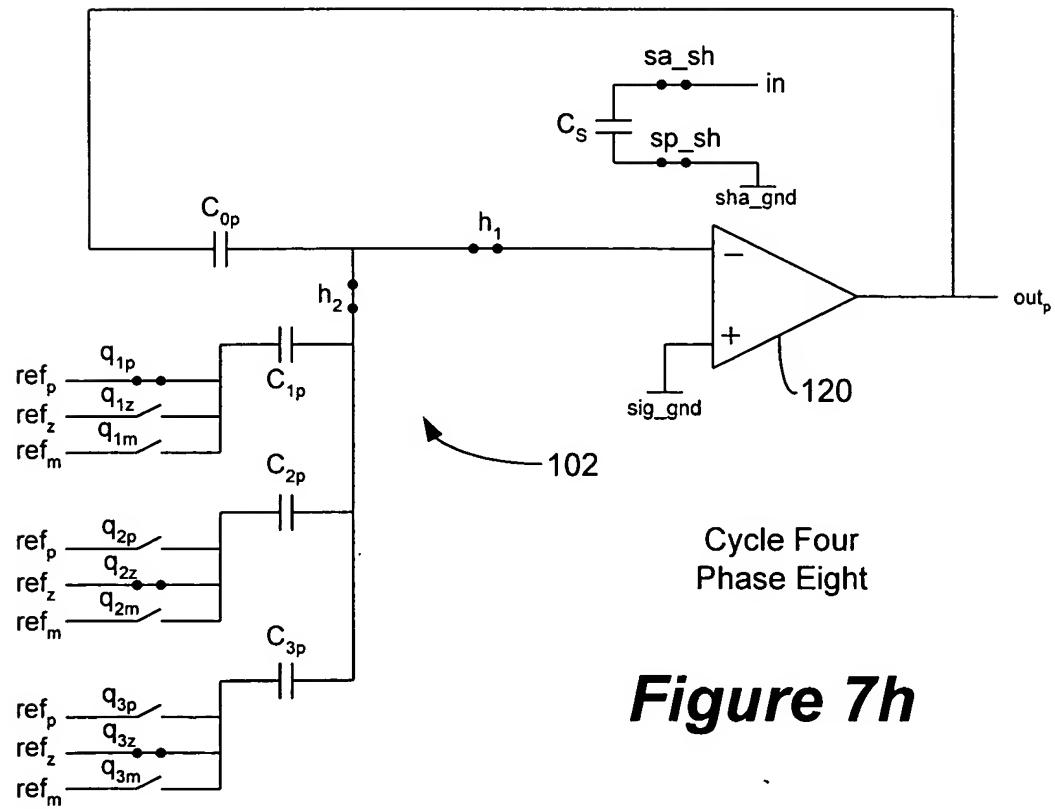
**Figure 4****Figure 5**

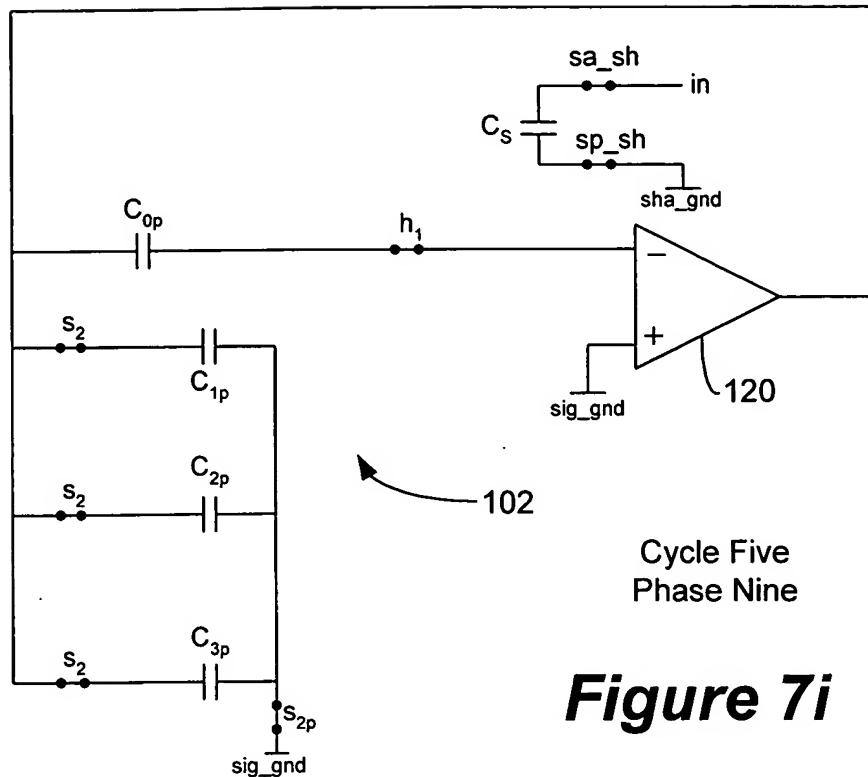
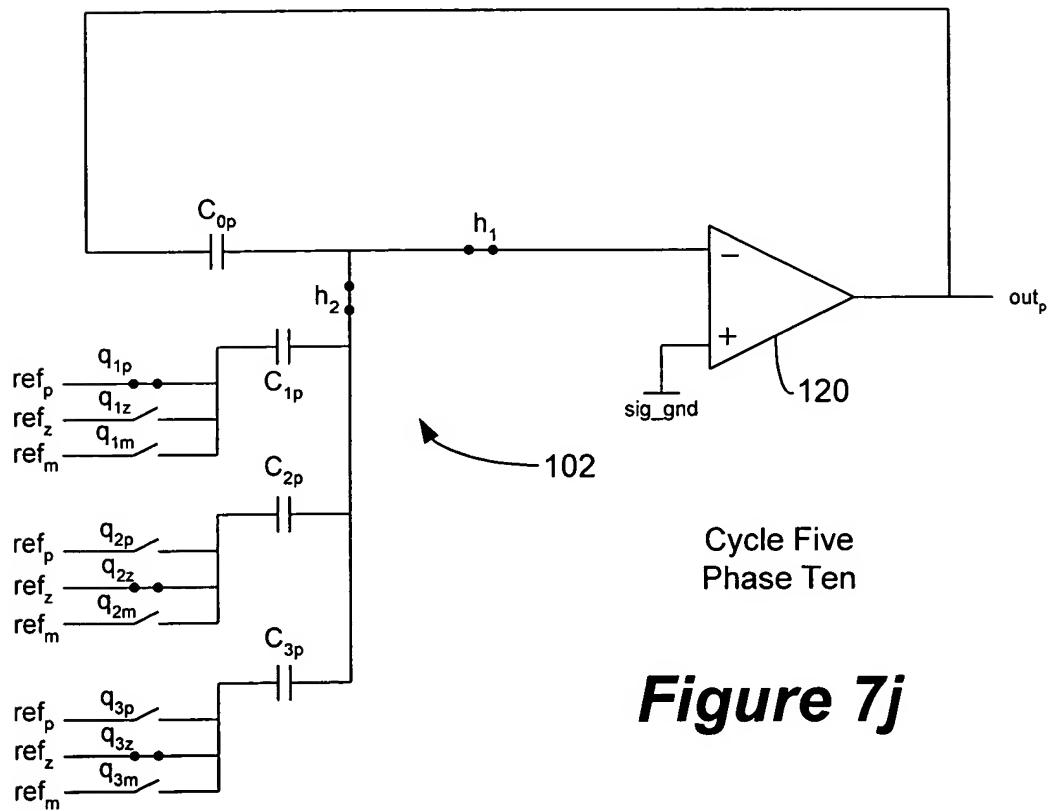
**Figure 6****Figure 8**

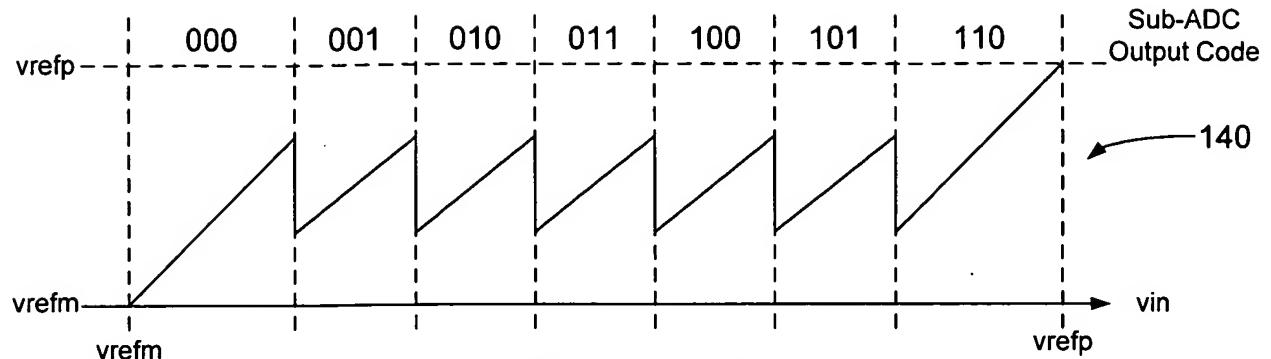
**Figure 7a****Figure 7b**

**Figure 7c****Figure 7d**

**Figure 7e****Figure 7f**

**Figure 7g****Figure 7h**

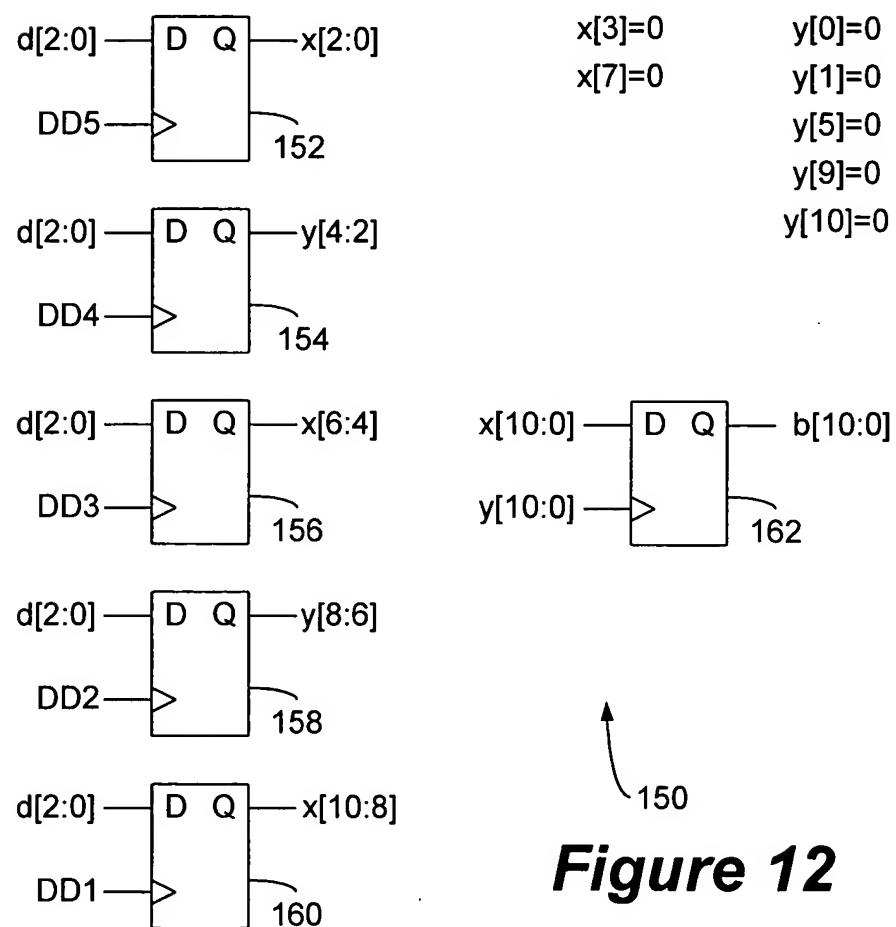
**Figure 7i****Figure 7j**

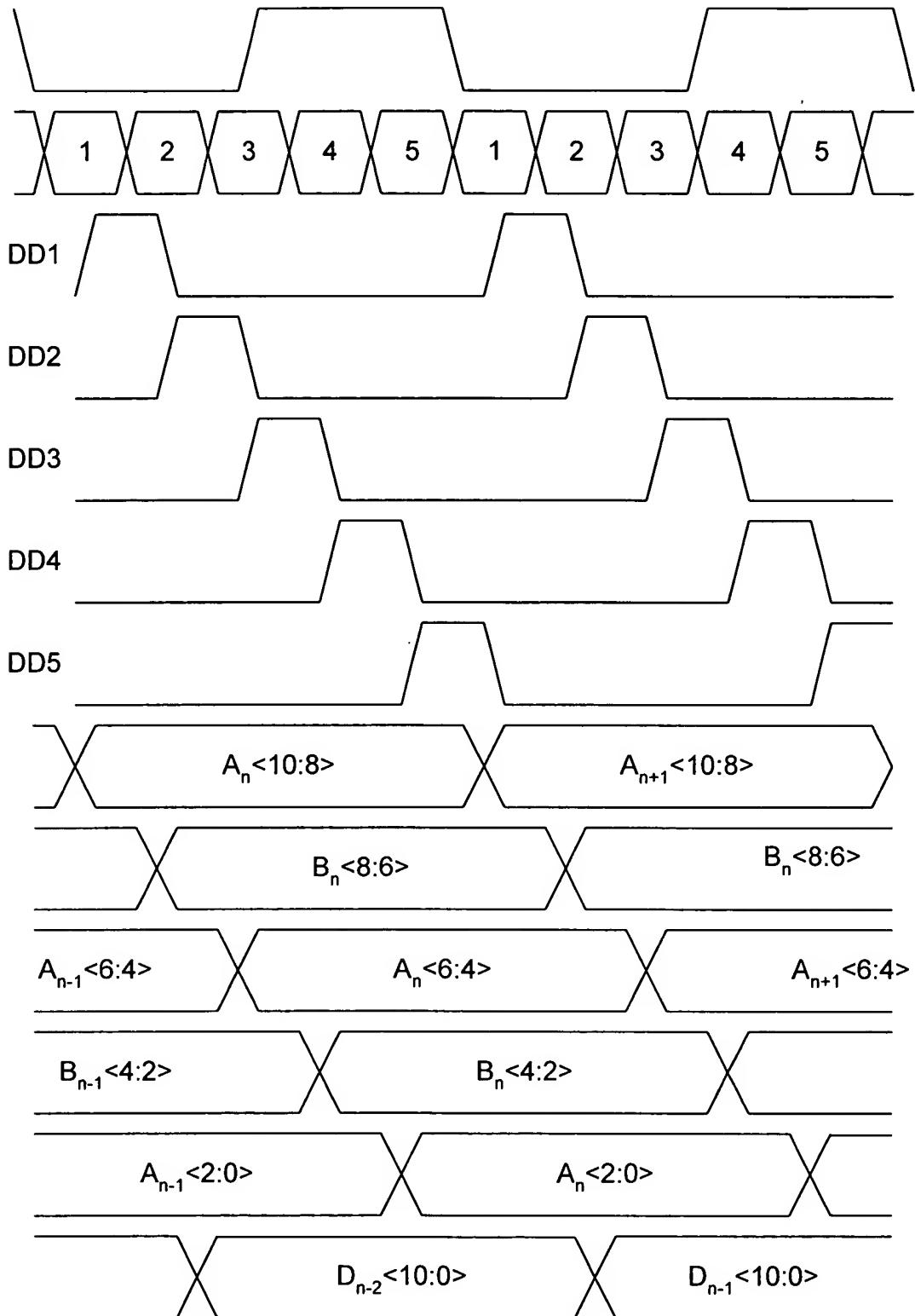
**Figure 9**

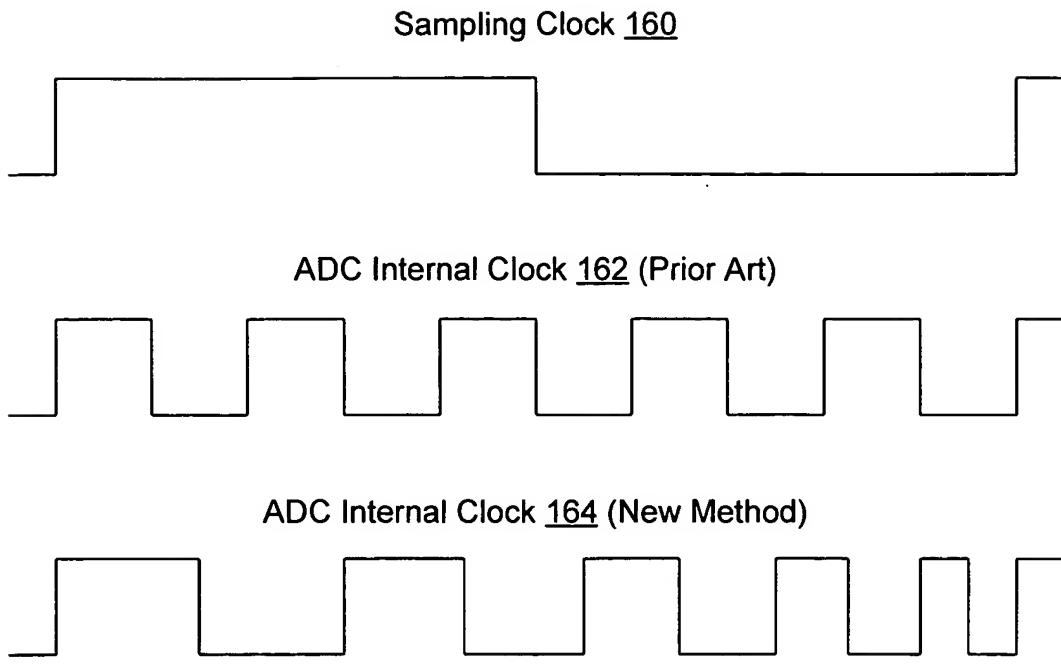
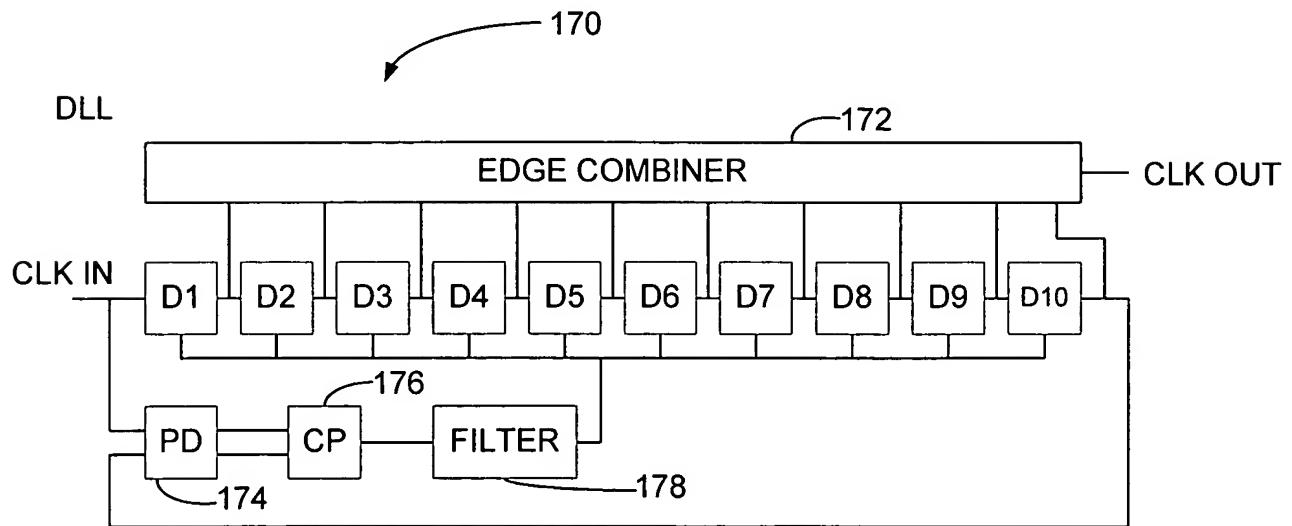
b	q_{1p}	q_{1z}	q_{1m}	q_{2p}	q_{2z}	q_{2m}	q_{3p}	q_{3z}	q_{3m}	d_2	d_1	d_0
000000	0	0	1	0	0	1	0	0	1	0	0	0
000001	0	0	1	0	0	1	0	1	0	0	0	1
000011	0	0	1	0	1	0	0	1	0	0	1	0
000111	0	1	0	0	1	0	0	1	0	0	1	1
001111	1	0	0	0	1	0	0	1	0	1	0	0
011111	1	0	0	1	0	0	0	1	0	1	0	1
111111	1	0	0	1	0	0	1	0	0	1	1	0

Figure 10

d_2^I	d_1^I	d_0^I		d_2^{III}	d_1^{III}	d_0^{III}		d_2^V	d_1^V	d_0^V
				d_2^{II}	d_1^{II}	d_0^{II}		d_2^{IV}	d_1^{IV}	d_0^{IV}
b_{10}	b_9	b_8	b_7	b_6	b_5	b_4	b_3	b_2	b_1	b_0

Figure 11**Figure 12**

**Figure 13**

**Figure 14****Figure 15**